

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: MAX

Application No.: 09/941,545

Filed: August 30, 2001

Title: IMPROVED HYDRATE  
DESALINATION FOR WATER  
PURIFICATION



Group: 1764

Examiner: (Unknown)

\* \* \* \*

March 6, 2002

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents  
Washington, D. C. 20231

Sir:

Attached is a Form PTO-1449 listing the enclosed documents.

This Information Disclosure Statement is being filed before the issuance of an Office Action on the merits of this application.

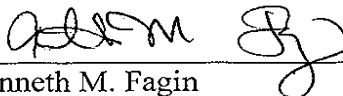
This Information Disclosure Statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

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Consideration of the foregoing and enclosures plus the return of a copy of the herewith Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 along with an early Action on the merits of this application are earnestly solicited.

Respectfully submitted,

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FORM PTO-1449 (modified)  
To: U.S. Department of Commerce  
(PW FORM PAT-1449)  
Patent and Trademark Office

Atty.  
Dkt. No.

M#

Client Ref.

281123

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: MAX

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Examiner: (Unknown)

Group Art Unit: (Unknown)

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR 6,180,843 B1	01/2001	Heinemann et al.			
	BR 6,028,234	02/2000	Heinemann et al.			
	CR 6,245,955 B1	06/2001	Smith			
	DR 3,308,063	03/1967	Hess et al.			
	ER 3,350,299	10/1967	Hess et al.			
	FR 3,350,300	10/1967	Hess et al.			
	GR 3,856,492	12/1974	Klass			
	HR 3,892,103	07/1975	Antonelli			
	IR 3,983,032	09/1976	Hess et al.			
	JR 4,170,328	10/1979	Kirk et al.			
	KR 4,392,959	07/1983	Coillet			
	LR 4,643,832	02/1987	Iniotakis et al.			
	MR 4,652,375	03/1987	Heilweil et al.			
	NR 4,670,159	06/1987	Garrett et al.			
	OR 4,767,527	08/1988	Iniotakis et al.			
	PR 5,037,555	08/1991	Pasternak et al.			
	QR 5,076,934	12/1991	Fenton			
	RR 5,128,042	07/1992	Fenton			
	SR 5,512,176	04/1996	Blair			
	TR 5,679,254	10/1997	Chakrabarti			
	UR 5,816,057	10/1998	Dickey et al.			
	VR 6,296,060 B1	10/2001	McCaslin			

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**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
	WR JP55055125	04/1980	Japan	Kimura et al.	X			X
	XR JP61025682	02/1986	Japan	Iwasaki et al.	X			X
	YR JP11319805	11/1999	Japan	O Yoshio	X			X
	ZR JP2000202444	07/2000	Japan	Akine	X			X
	AAR WO01/34267A1	05/2001	PCT	Gougel	X		X	
	BBR JP59029078	02/1984	Japan	Futami et al.	X			X
	CCR JP58109179	06/1983	Japan	Fuchigami et al.	X			X

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

DDR	Russian Abstract Publication No. 2166348, May 10, 2001, Mel'nikov et al.	X			X
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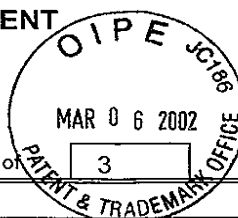
Examiner

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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BY APPLICANT**



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Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR 4,267,022	05/1981	PITCHER	203	100	
	BR 4,376,462	03/1983	ELLIOT ET AL.	166	267	
	CR 4,424,858	01/1984	ELLIOT ET AL.	166	52	
	DR 6,089,022	07/2000	ZEDNIK ET AL.			
	ER 6,112,528	09/2000	RIGBY			
	FR 6,158,239	12/2000	MAX ET AL.			
	GR 5,167,838	12/1992	WILENSKY			
	HR 4,278,645	07/1981	FILSS			
	IR					

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	Document Number	Date MM/YYYY	Country	Inventor Name		English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
	JR 1 320 134 GB	06/1973	GB	Webber et al.		X		X	
	KR WO 01/04056	01/2001	PCT	MAX	(with substitute sheets)	X		X	
	LR								

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

MR	Max et al., "Extraction of Methane from Oceanic Hydrate System Deposits", Offshore Technology Conference, Paper No. 10727, pp. 1-8 (1999)				
NR	Max and Lowrie, "Oceanic Methane Hydrates; A "Frontier" Gas Resource", <u>Journal of Petroleum Geology</u> , Vol. 19(a), pp. 41-56 (January 1996)				
OR	Max and Dillon, "Oceanic Methane Hydrate: The Character of the Blake Ridge Hydrate Stability Zone, and the Potential for Methane Extraction," <u>Journal of Petroleum Geology</u> , Vol. 21(3), July 1998, pp. 343-357				
PR	Max, M.D., "Oceanic Methane Hydrate: The Character of the Blake Ridge Hydrate Stability Zone, and the Potential for Methane Extraction," Author's correction, <u>Journal of Petroleum Geology</u> , Vol. 22(2), pp. 227-228 (April 1999).				
QR	Max and Chandra, "The Dynamic Oceanic Hydrate System: Production Constraints and Strategies," Offshore Technology Conference, Paper No. 8684, pp. 1-10 (1998).				
RR	Max et al., "Methane-Hydrate, A Special Clathrate: Its Attributes and Potential," <u>Naval Research Laboratory</u> , NRL/MR/6101-97-7926, pp. 1-74 (February 28, 1997)				
SR	Max and Lowrie "Oceanic Methane Hydrate Development: Reservoir Character and Extraction," <u>Naval Research Laboratory (NRL)</u> , OTC 8300, pp. 235-240.				

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Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date
	AR 3,675,436	07/1972	GANIARIS			
	BR 3,712,075	01/1973	SMITH ET AL.			
	CR 3,813,892	06/1974	JOHNSON			
	DR 3,992,170	11/1976	KARNOFSKY			
	ER 4,207,351	06/1980	DAVIES			
	FR 4,678,583	07/1987	WILSON, III, ET AL.			
	GR 4,686,833	08/1987	HINO ET AL.			
	HR 4,696,338	09/1987	JENSEN ET AL.			
	IR 4,718,242	01/1988	YAMAUCHI ET AL.			
	JR 5,110,479	05/1992	FROMMER ET AL.			
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	MR 5,444,986	08/1995	HINO			
	NR 5,497,630	03/1996	STEIN ET AL.			

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

OR					
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